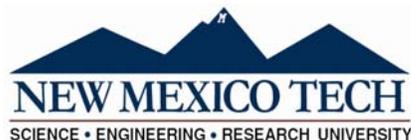


**Posted:** December 13, 2021



## POSITION ANNOUNCEMENT

**TITLE:** ELECTRICAL ENGINEER

**DEPT:** MROI

**REG**

**TEMP**

**FULL TIME**

**PART TIME**

**STARTING RATE or SALARY RANGE** \$55,000-\$60,000

Employees being promoted to a higher classified position receive the minimum for the position or a pay rate adjustment of 8% whichever is greater.

**All regular positions also entitle the employee to several benefits including health, dental, vision, life insurance, and retirement which is largely paid by New Mexico Tech for the employee and dependents.**

**INTERNAL POSTING THROUGH:** Concurrent\* CONSIDERATION WILL BE GIVEN FIRST TO TEMPORARY AND REGULAR TECH EMPLOYEES WHO APPLY WITHIN THE 7 DAY INTERNAL POSTING. APPLICATIONS RECEIVED AFTER THE 7 DAY POSTING MARGIN WILL BE CONSIDERED WITH OTHER OUTSIDE APPLICANTS.

### **JOB DUTIES:**

Will be responsible for the design, development, and deployment of electrical systems and instruments for subsystems of the MROI. The primary job responsibilities include (i) selection, evaluation, and procurement of COTS digital and analog electronics, (ii) design, assembly and testing of in-house digital and analog electronics, (iii) interfacing of hardware to software control systems, (iv) installing, testing, troubleshooting and debugging electronics, and (v) documentation, maintenance and repair. The candidate should have good analytical skills matched with hands-on experience of the electronic control of opto-mechanical hardware and other sensors and detector systems.

### **REQUIRED QUALIFICATIONS:**

Bachelor's degree required in Electrical engineering. Master's degree desired in Electrical engineering. Proven ability to design/ build/ install/ commission digital and analog electronics required. Proven ability to write and use software to control mechanical and opto-mechanical systems desired. Demonstrated knowledge of developing electronics for low noise and detector applications desired. Excellent interpersonal skills and ability to work effectively as part of a team required. A valid NM Driver's License required.

Apply to: [nmtjobapps@npe.nmt.edu](mailto:nmtjobapps@npe.nmt.edu) OR NMT/ HR 801 Leroy Place Brown Hall Box 000, Socorro, NM 87801